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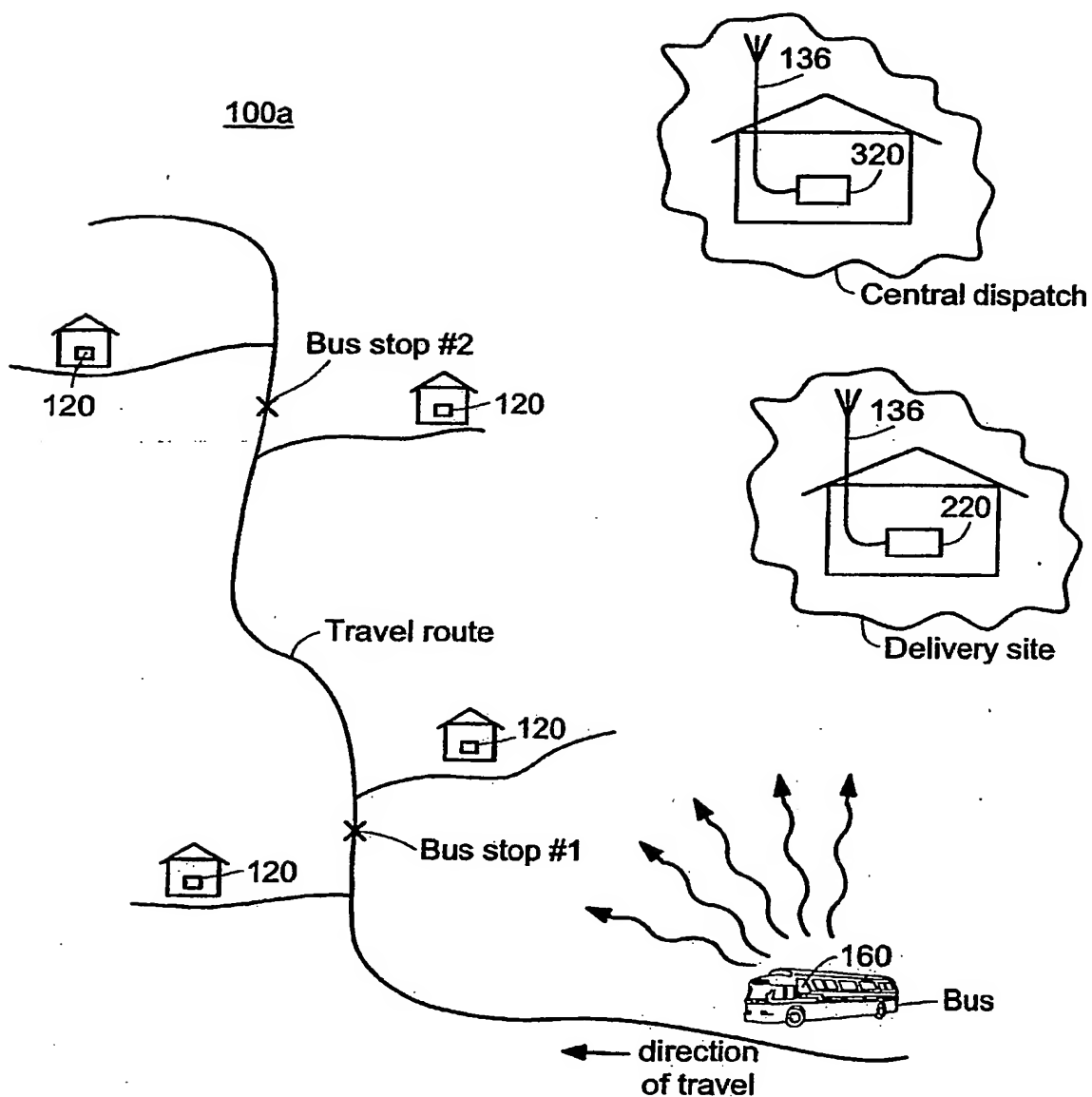


FIG. 1A

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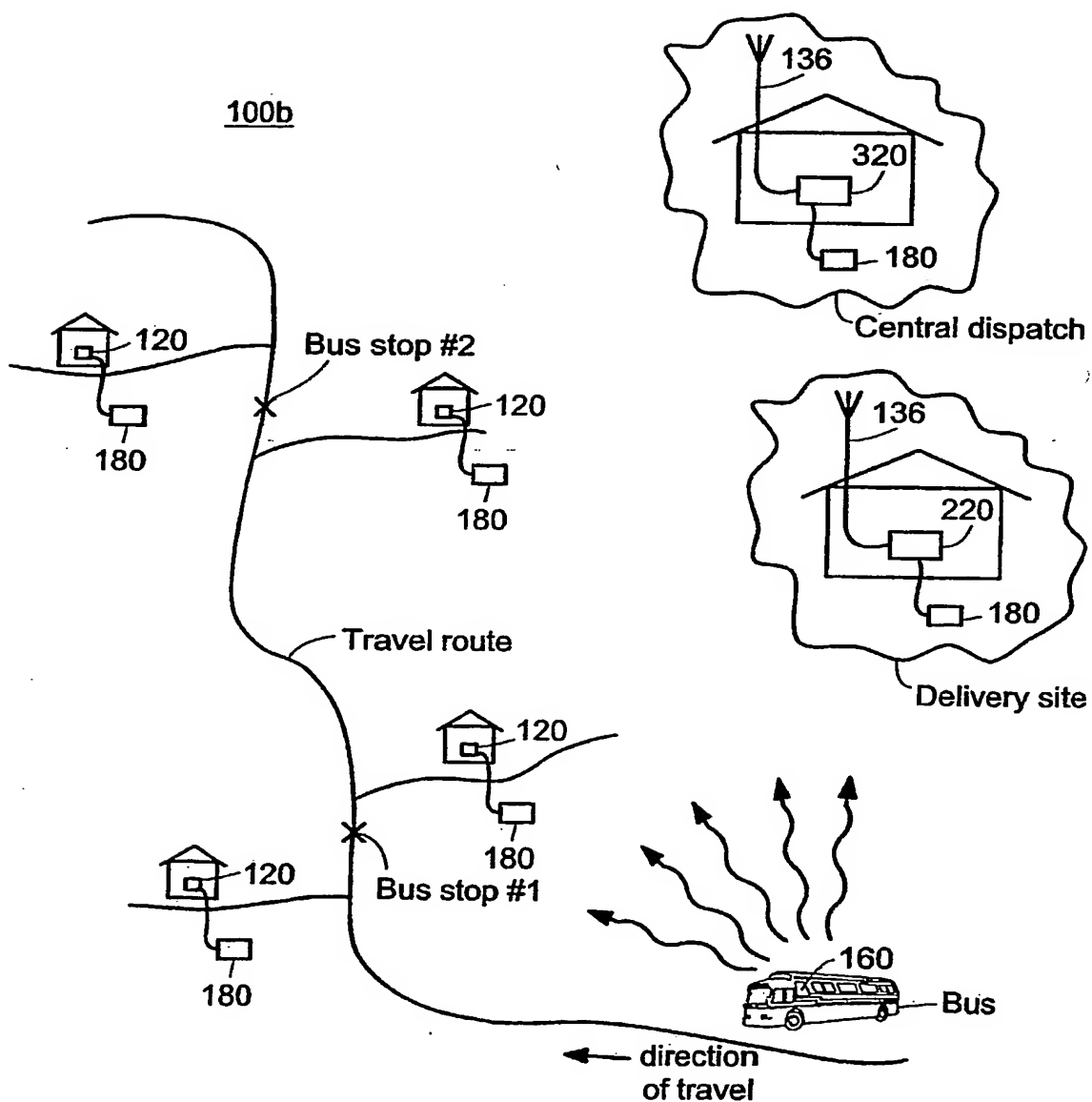


FIG. 1B

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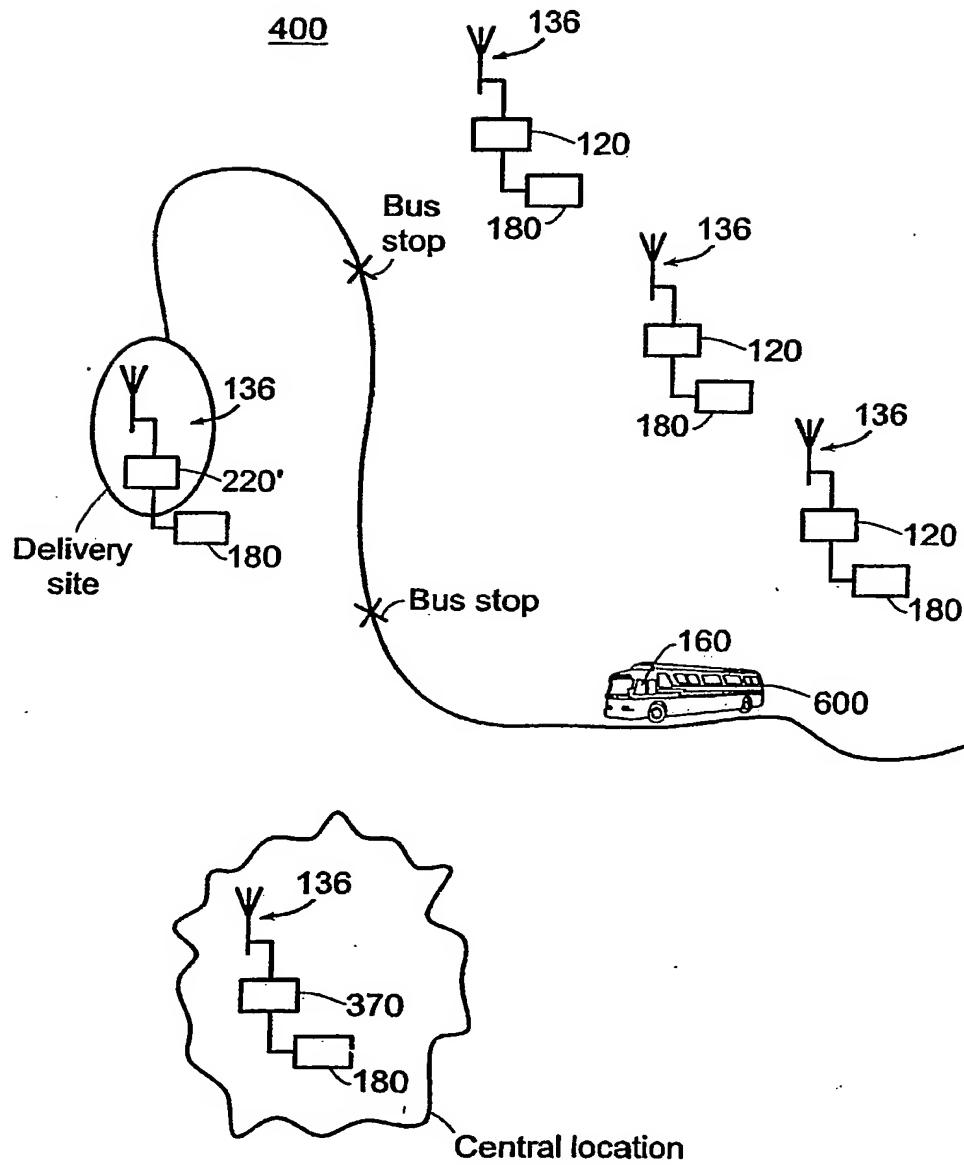


FIG. 1C

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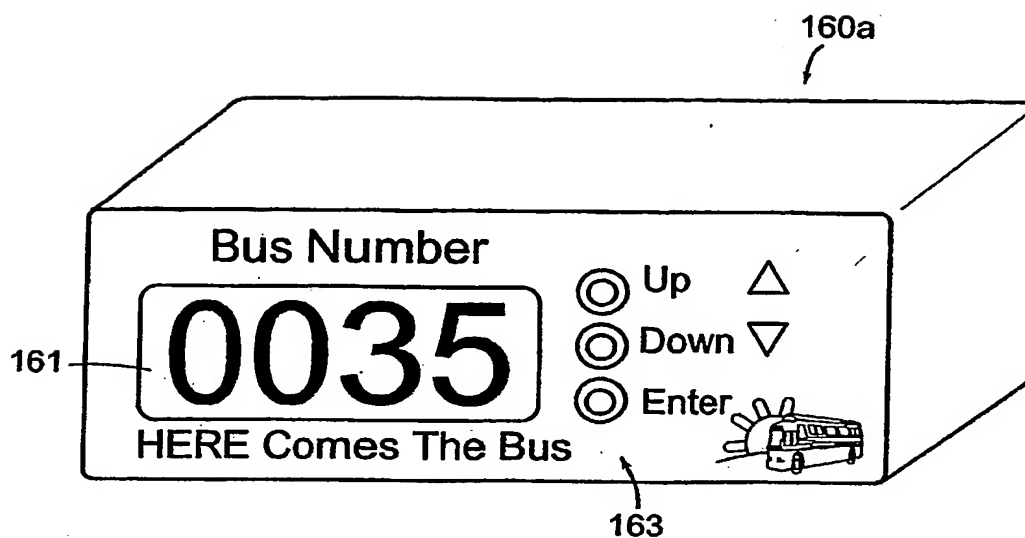


FIG. 2A

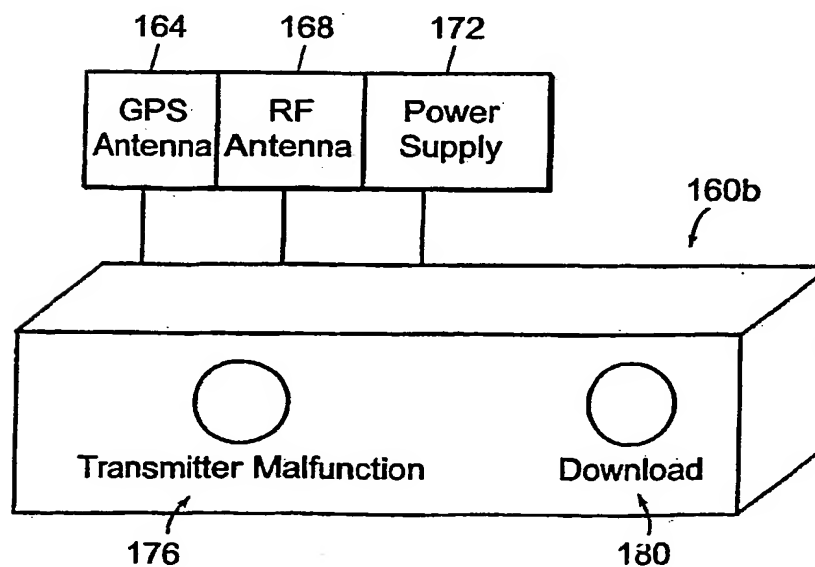


FIG. 2B

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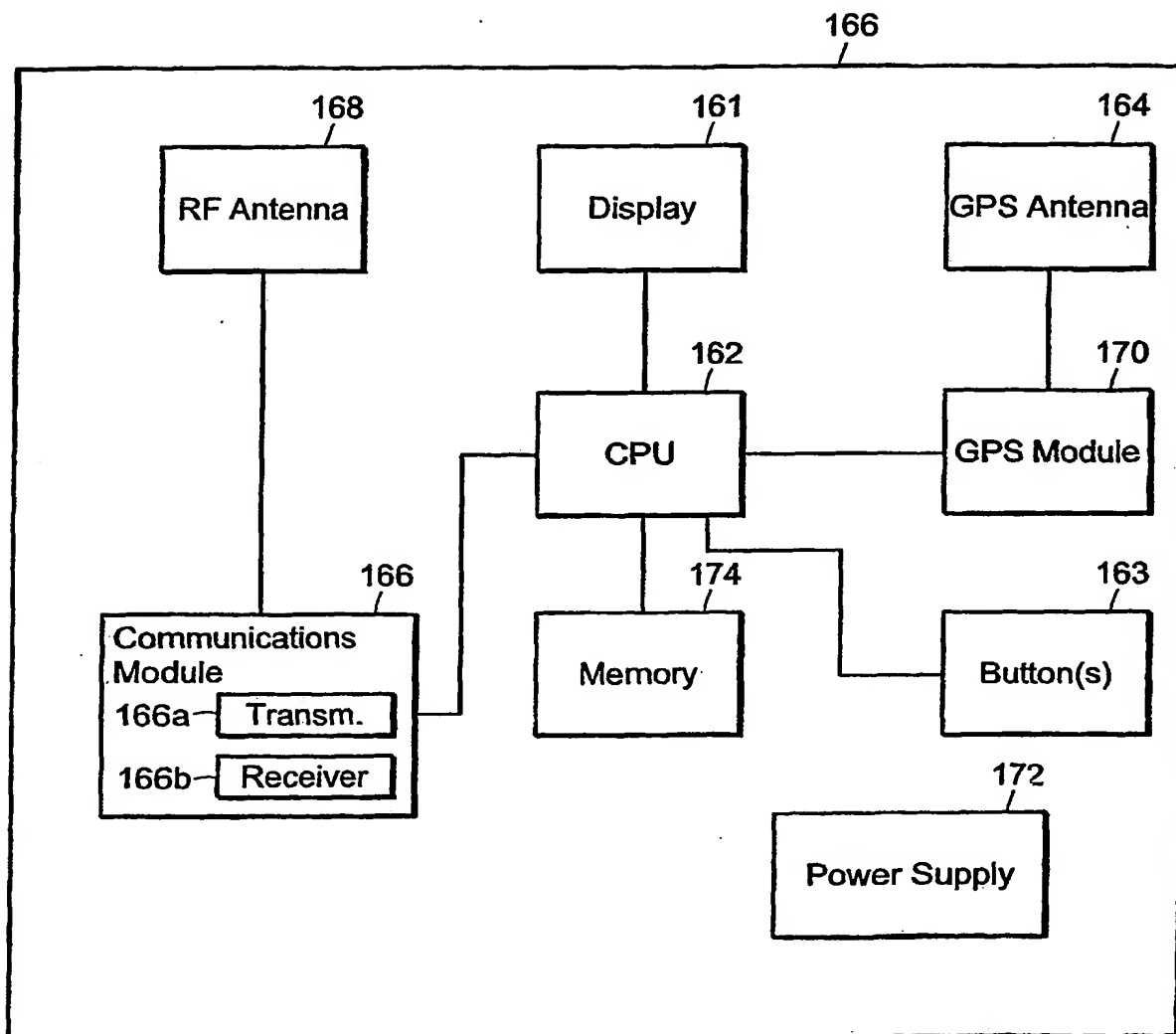


FIG. 2C

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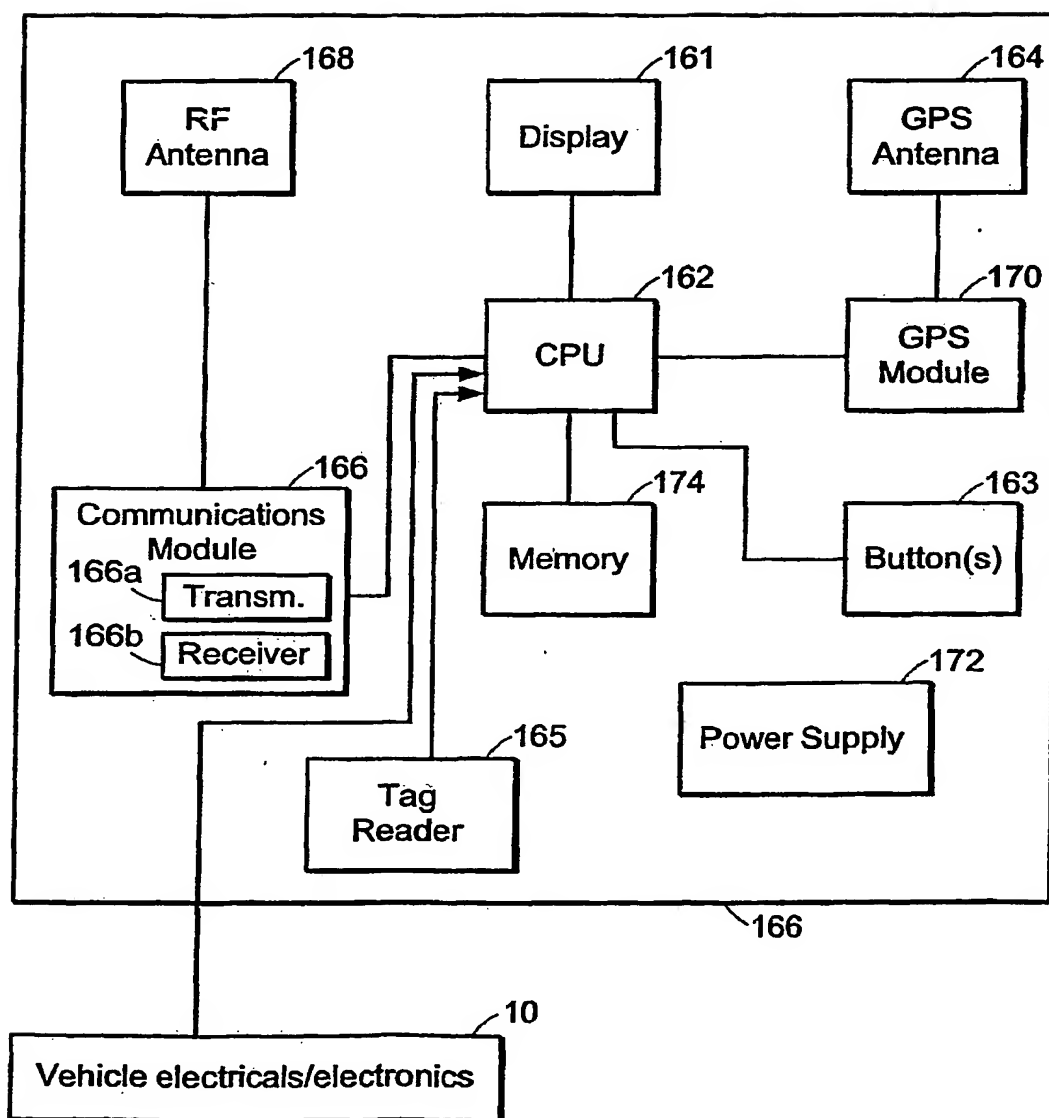


FIG. 2D

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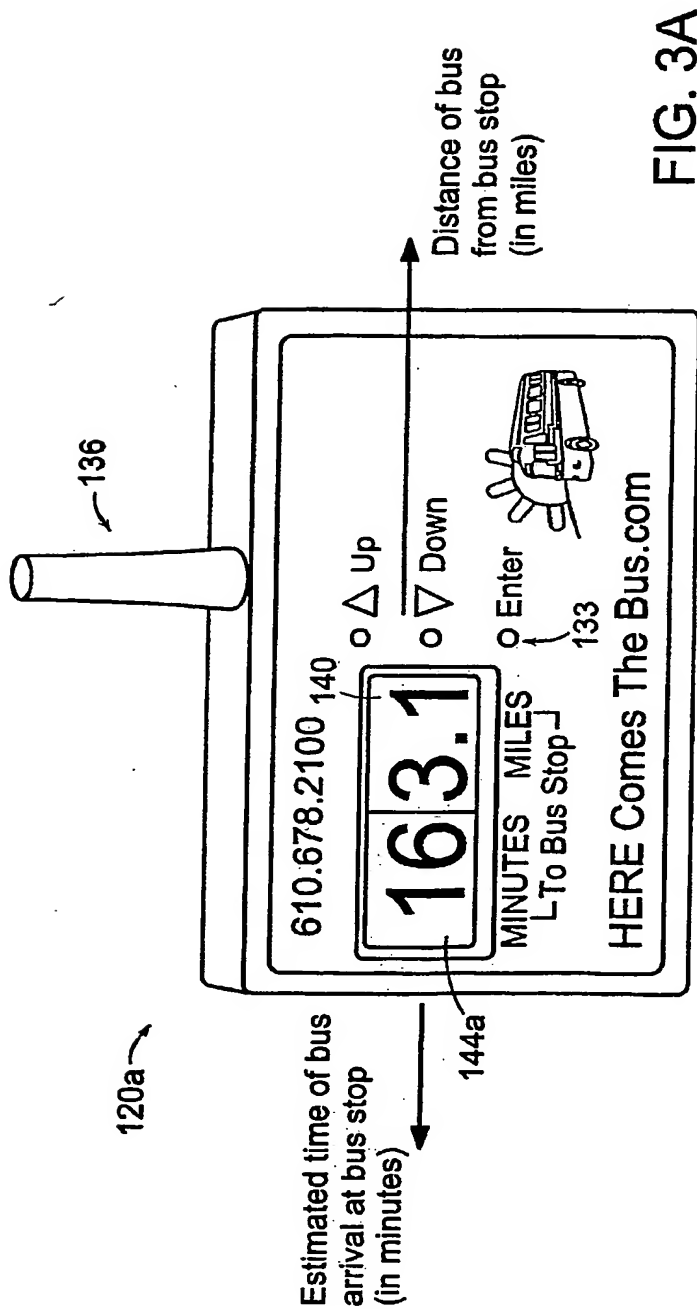


FIG. 3A

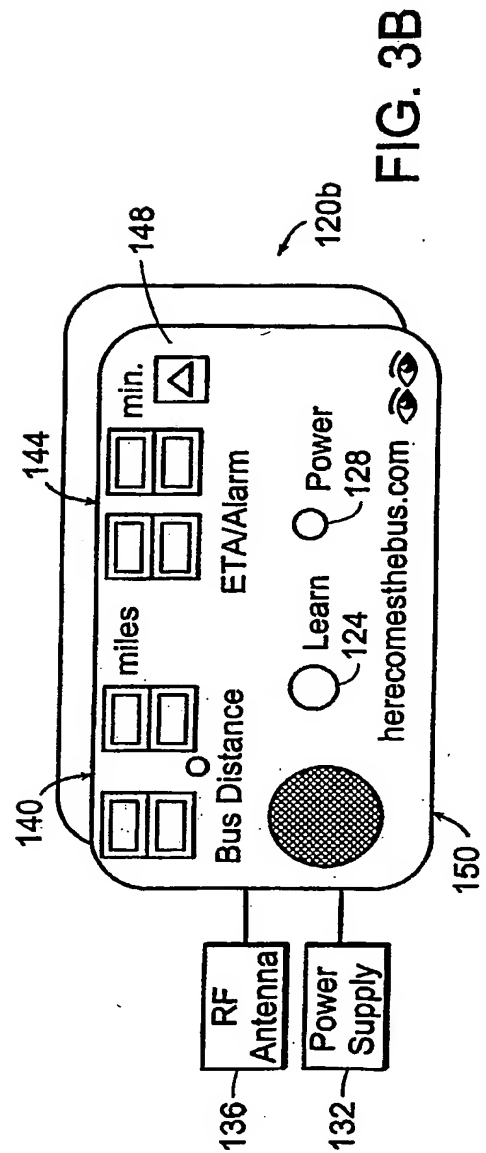


FIG. 3B

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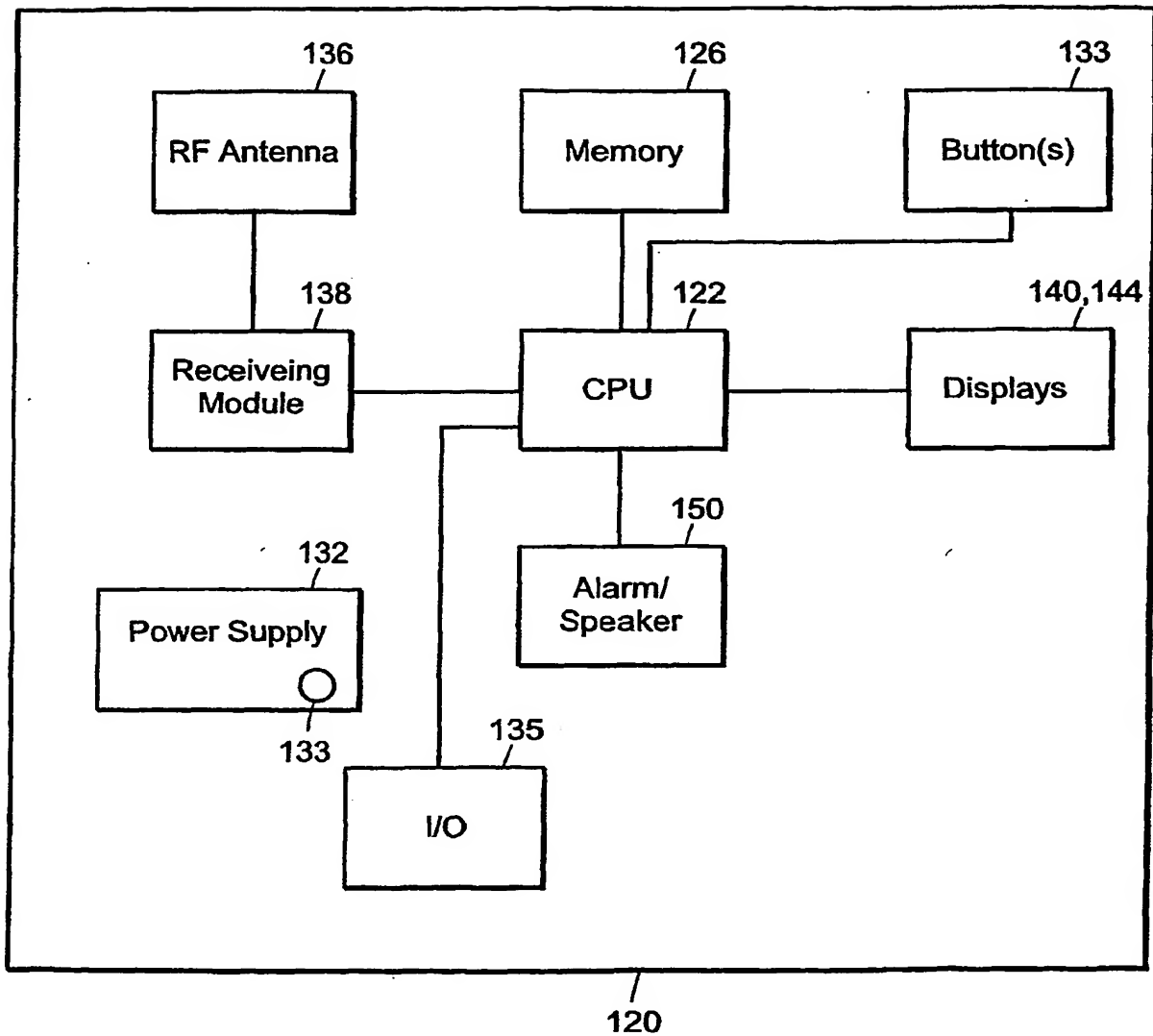


FIG. 3C

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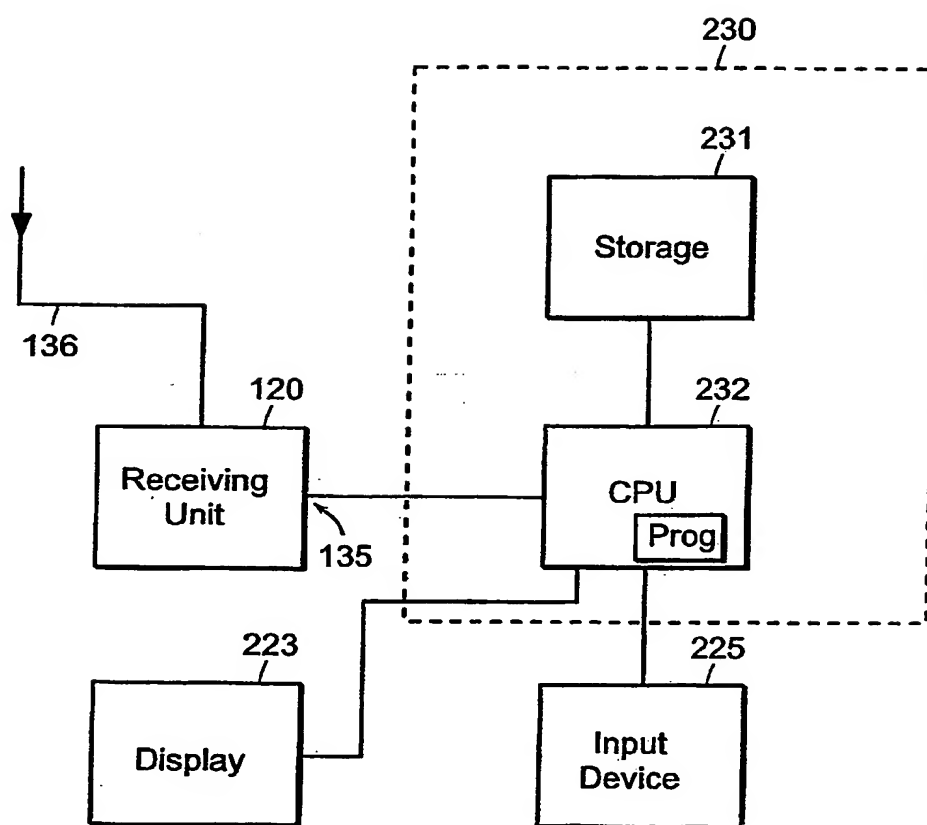


FIG. 3D

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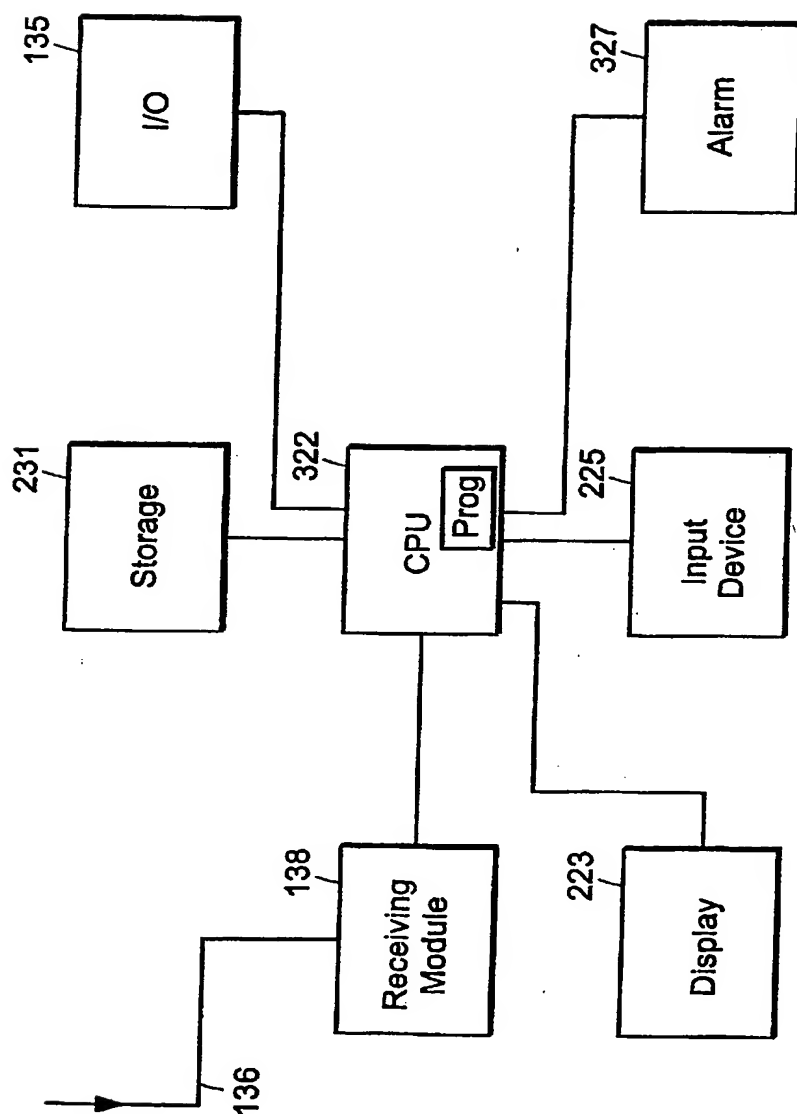
320

FIG. 3E

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Time Stamp	Latitude	Longitude	ETA
Time 0	Lat. 0	Long. 0	Time215-Time 0
Time 1	Lat. 1	Long. 1	Time215-Time 1
Time 2	Lat. 2	Long. 2	Time215-Time 2
...
Time 215	Lat. 215	Long. 215	0

This is when the bus arrives at the bus stop

FIG. 4

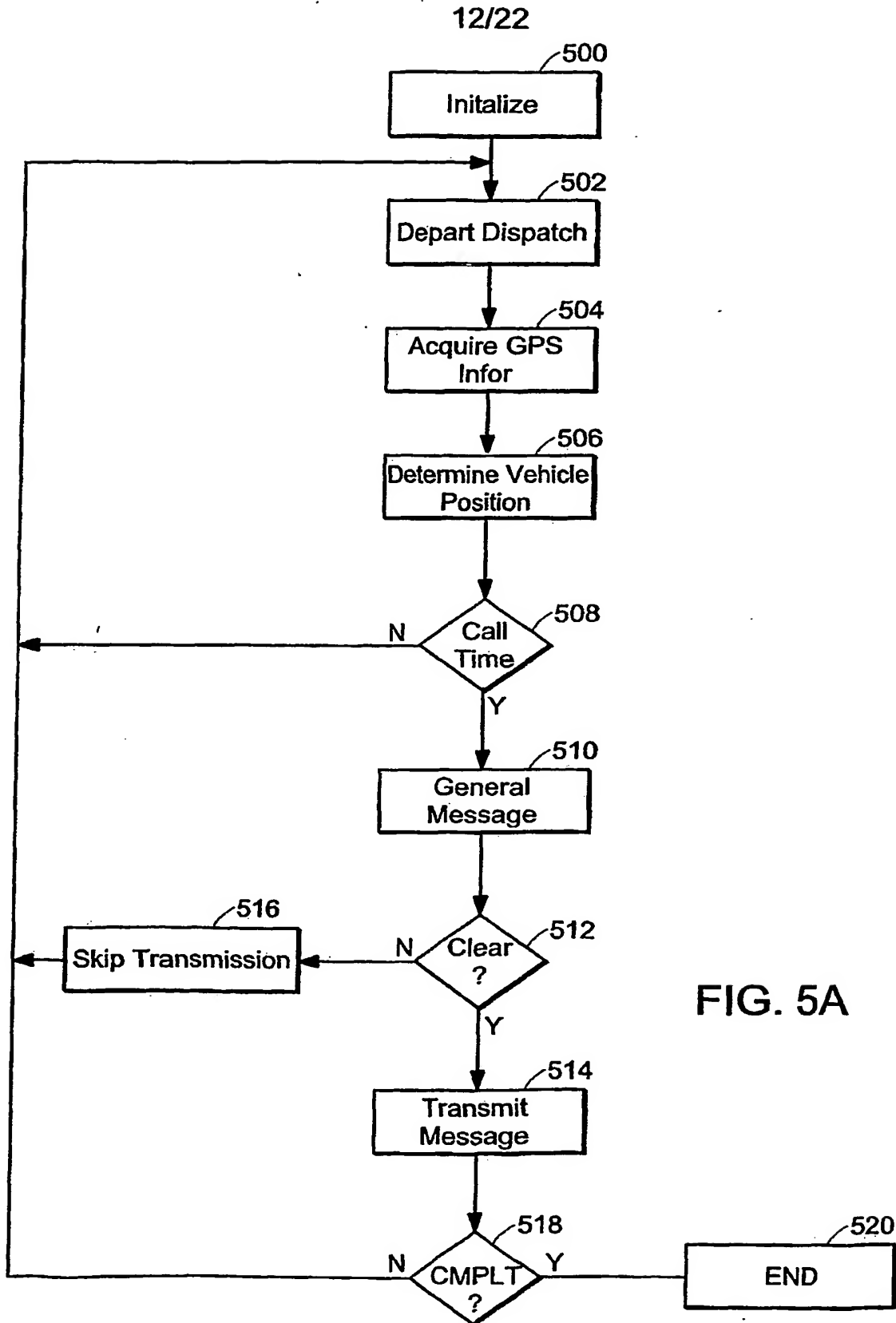


FIG. 5A

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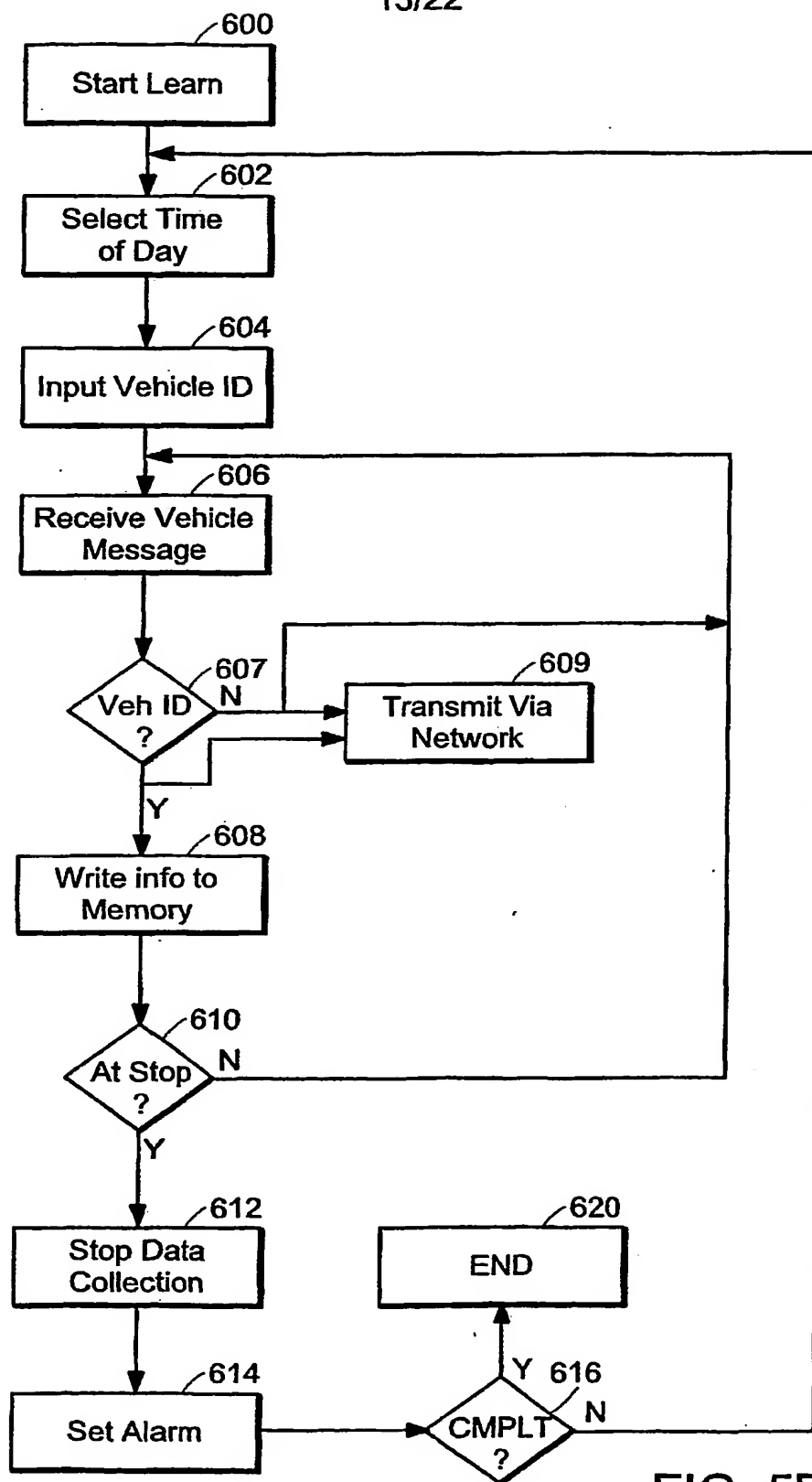
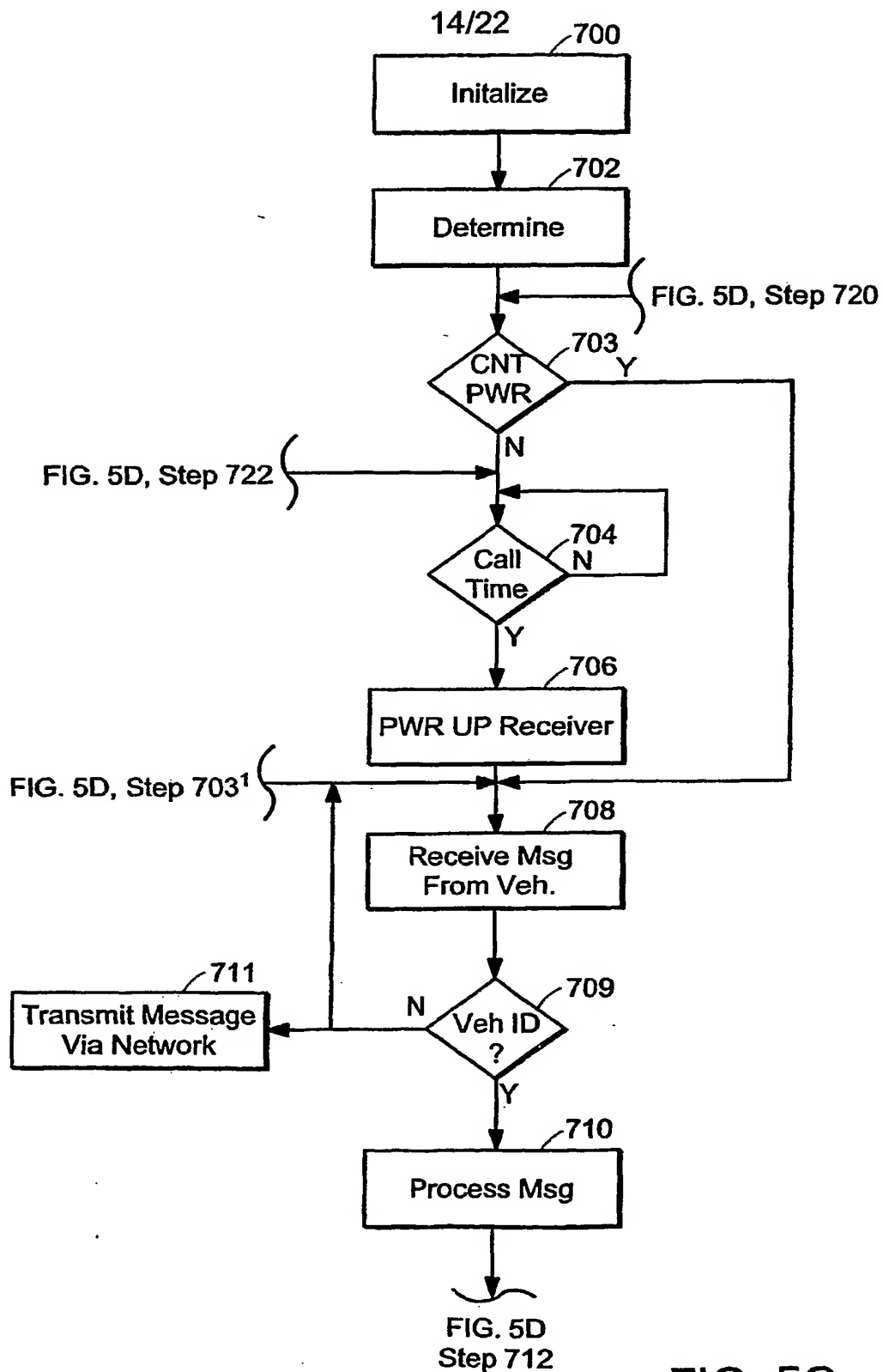


FIG. 5B.



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FIG. 5C, Step 710

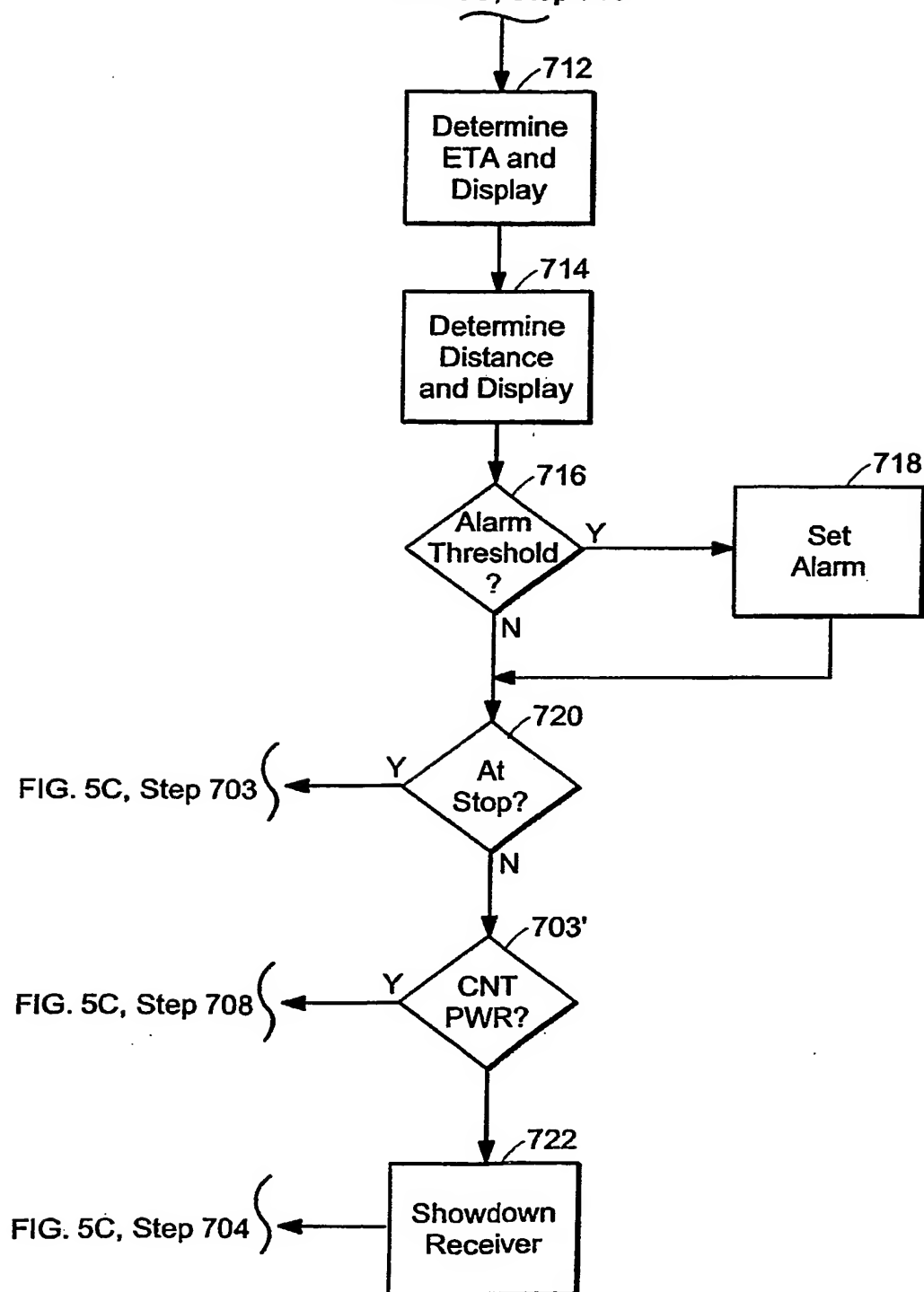


FIG. 5D

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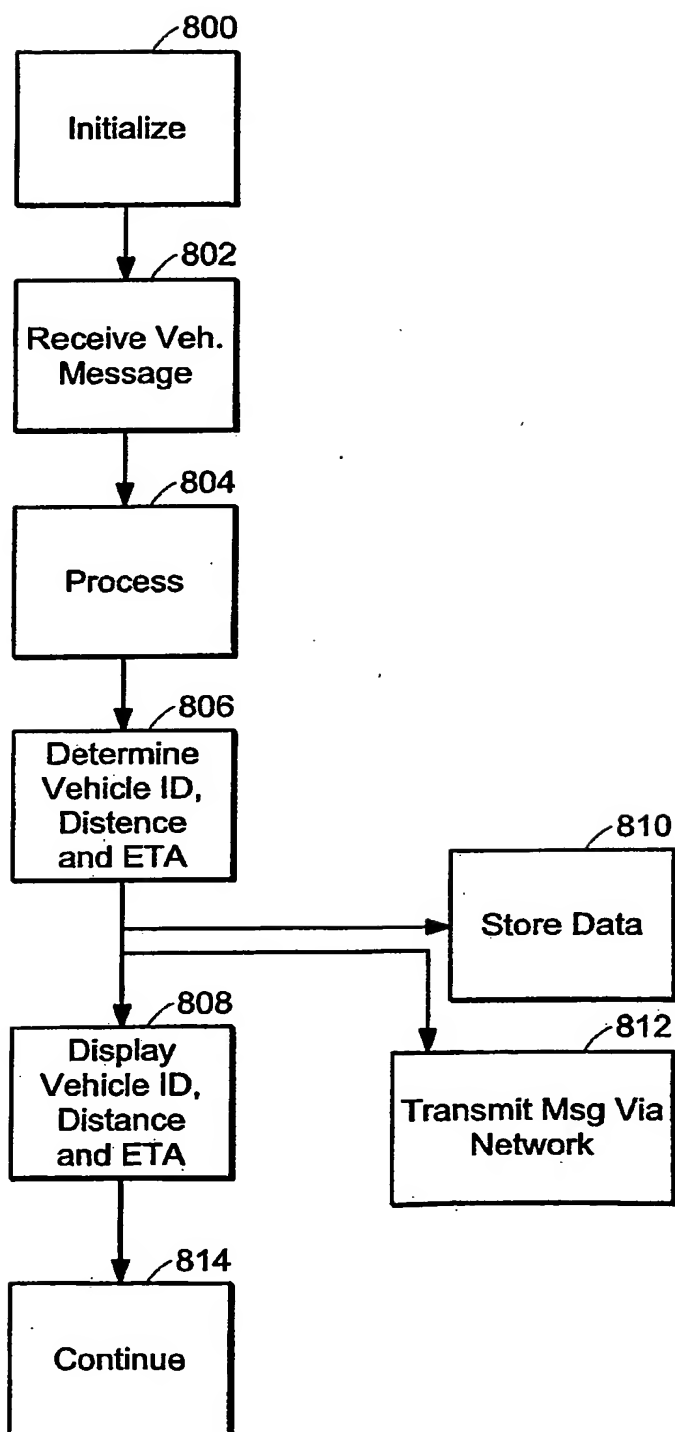


FIG. 5E

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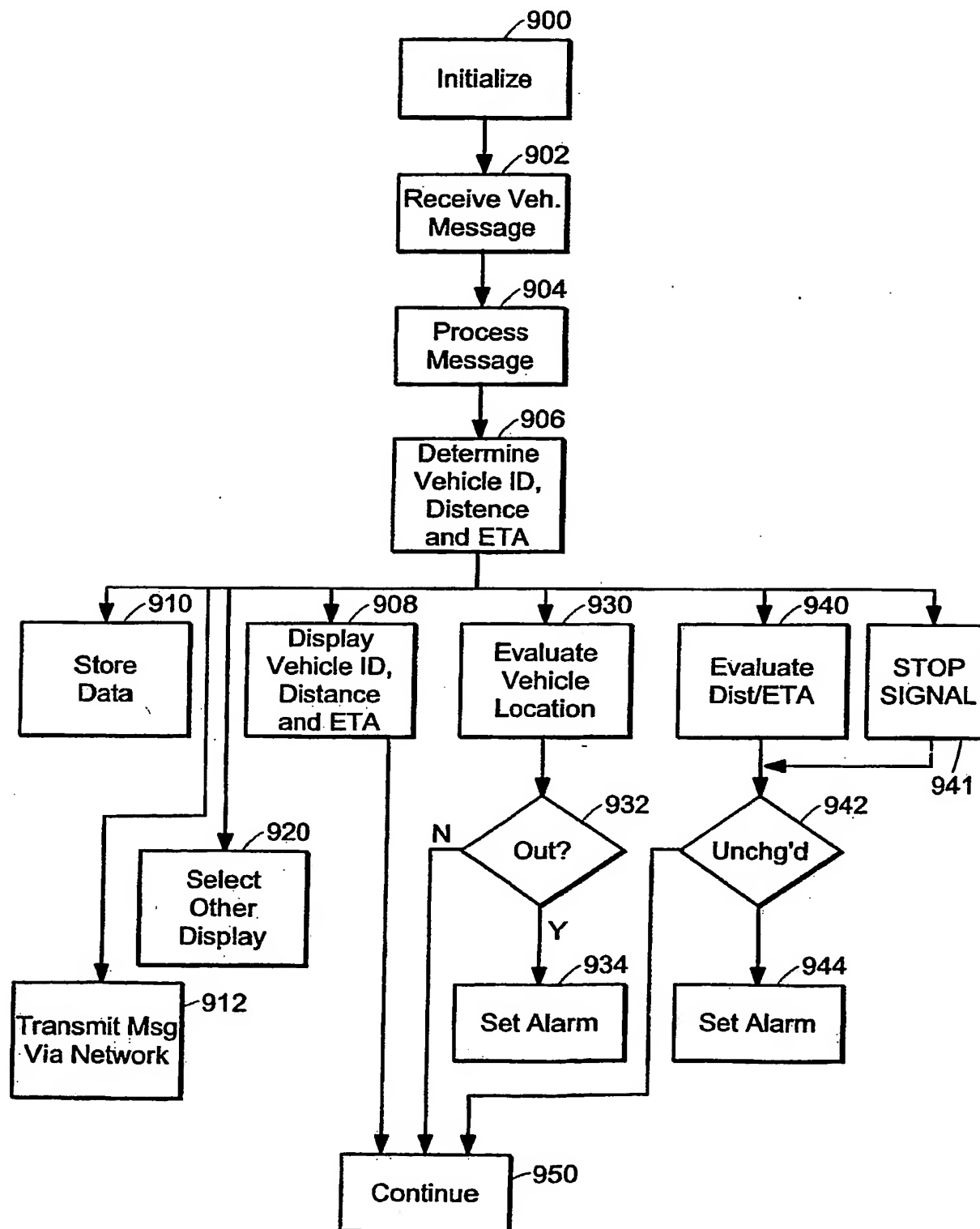


FIG. 5F

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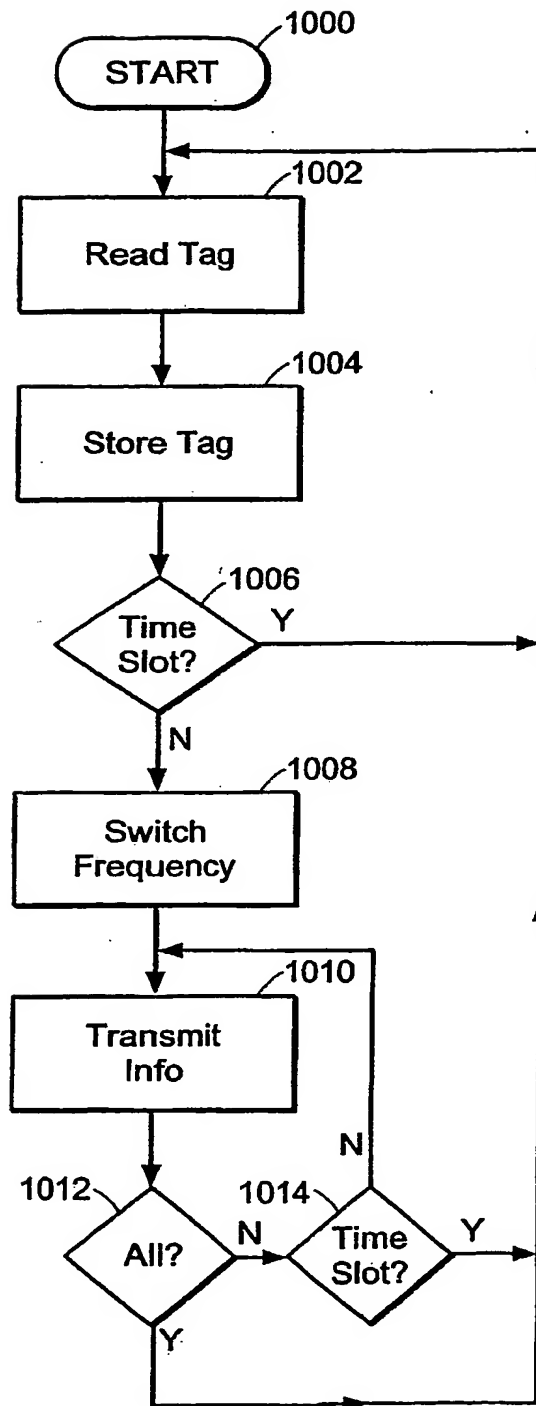


FIG. 5G

Current bus message coordinates - these are based on time and available to the receiver one a time, depending on the time when the bus send the message.

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Lat.Long. 0	Lat.Long. 1	Lat.Long. 2	Lat.Long. 3	Lat.Long. 4	Lat.Long. 5	Lat.Long. 6	Lat.Long. 7	Lat.Long. 8	Predicted ETA
Dist. 0/0	Dist. 1/0	Dist. 2/0	Dist. 3/0	Dist. 4/0	Dist. 5/0	Dist. 6/0	Dist. 7/0	Dist. 8/0	ETA 0
Dist. 0/1	Dist. 1/1	Dist. 2/1	Dist. 3/1	Dist. 4/1	Dist. 5/1	Dist. 6/1	Dist. 7/1	Dist. 8/1	ETA 1
Dist. 0/2	Dist. 1/2	Dist. 2/2	Dist. 3/2	Dist. 4/2	Dist. 5/2	Dist. 6/2	Dist. 7/2	Dist. 8/2	ETA 2
Dist. 0/3	Dist. 1/3	Dist. 2/3	Dist. 3/3	Dist. 4/3	Dist. 5/3	Dist. 6/3	Dist. 7/3	Dist. 8/3	ETA 3
Dist. 0/4	Dist. 1/4	Dist. 2/4	Dist. 3/4	Dist. 4/4	Dist. 5/4	Dist. 6/4	Dist. 7/4	Dist. 8/4	ETA 4
Dist. 0/5	Dist. 1/5	Dist. 2/5	Dist. 3/5	Dist. 4/5	Dist. 5/5	Dist. 6/5	Dist. 7/5	Dist. 8/5	ETA 5
Dist. 0/6	Dist. 1/6	Dist. 2/6	Dist. 3/6	Dist. 4/6	Dist. 5/6	Dist. 6/6	Dist. 7/6	Dist. 8/6	ETA 6
Dist. 0/7	Dist. 1/7	Dist. 2/7	Dist. 3/7	Dist. 4/7	Dist. 5/7	Dist. 6/7	Dist. 7/7	Dist. 8/7	ETA 7
Dist. 0/8	Dist. 1/8	Dist. 2/8	Dist. 3/8	Dist. 4/8	Dist. 5/8	Dist. 6/8	Dist. 7/8	Dist. 8/8	ETA 8

— windows continue down further —

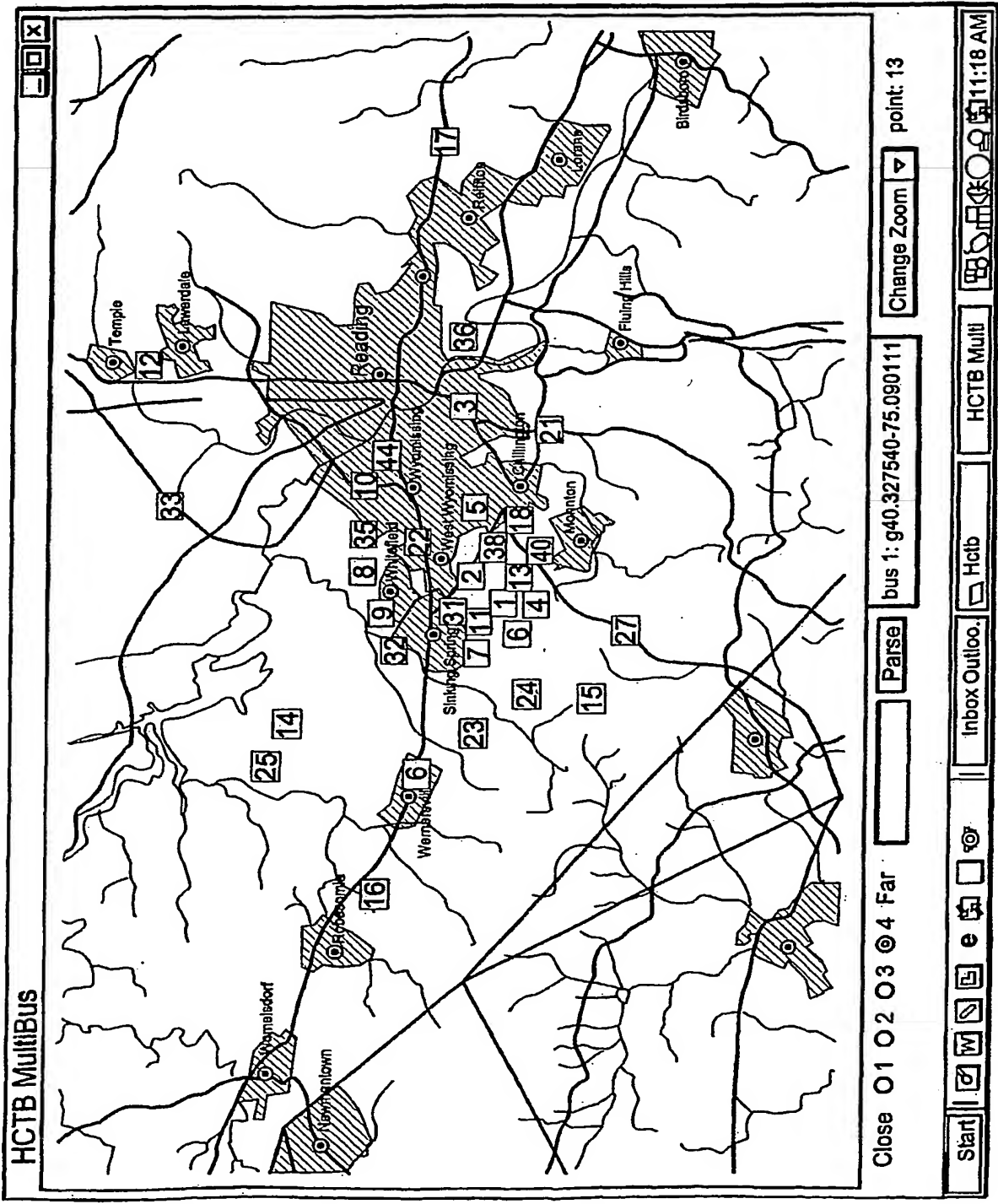
** Learn entries saved in the receiver serial memory. Since they have been captured on a previous day, all of this data is available to the microprocessor.**

ETA associated with best fit (shortest distance) row entry

FIG. 6

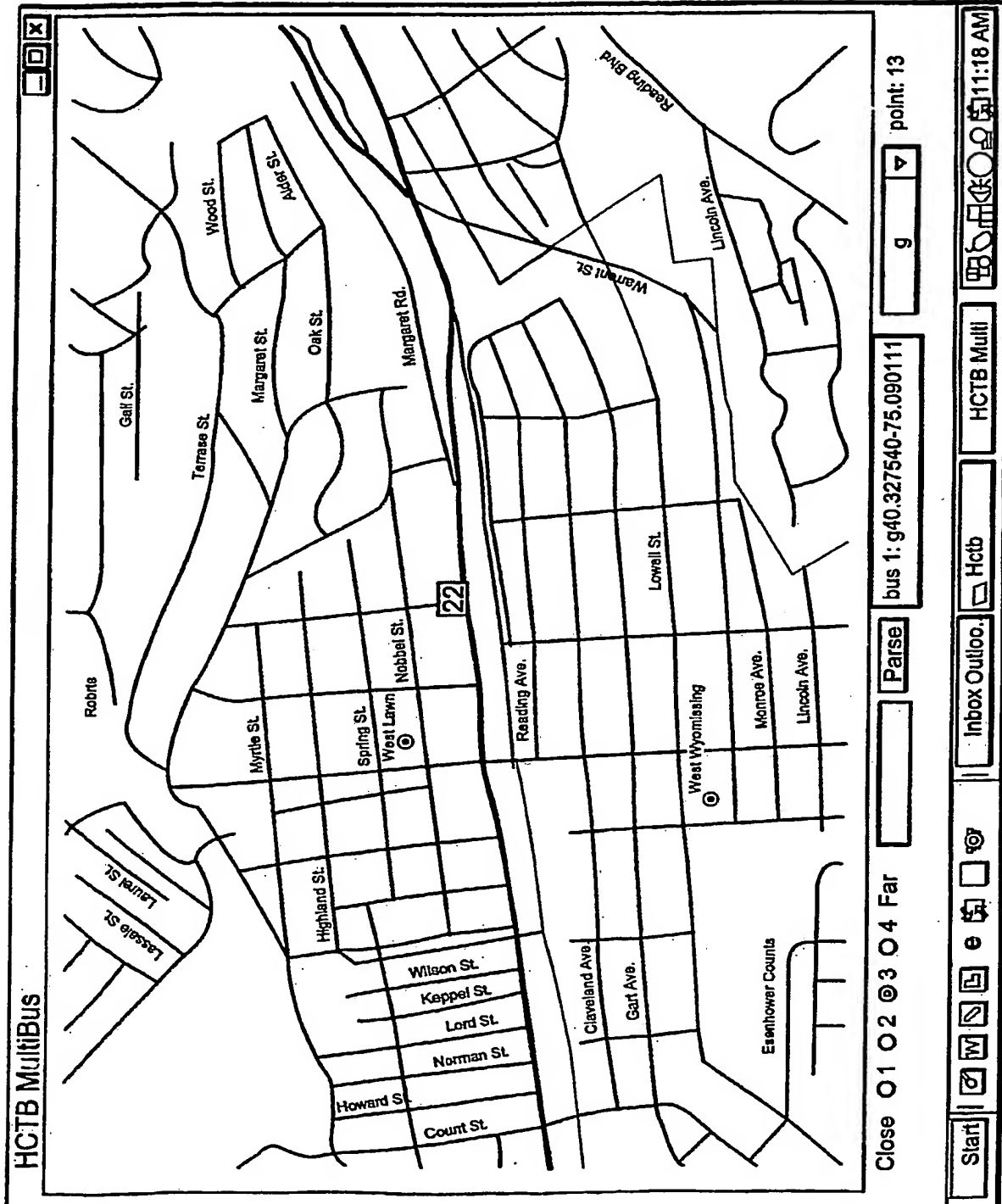
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FIG. 7A



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FIG. 7B



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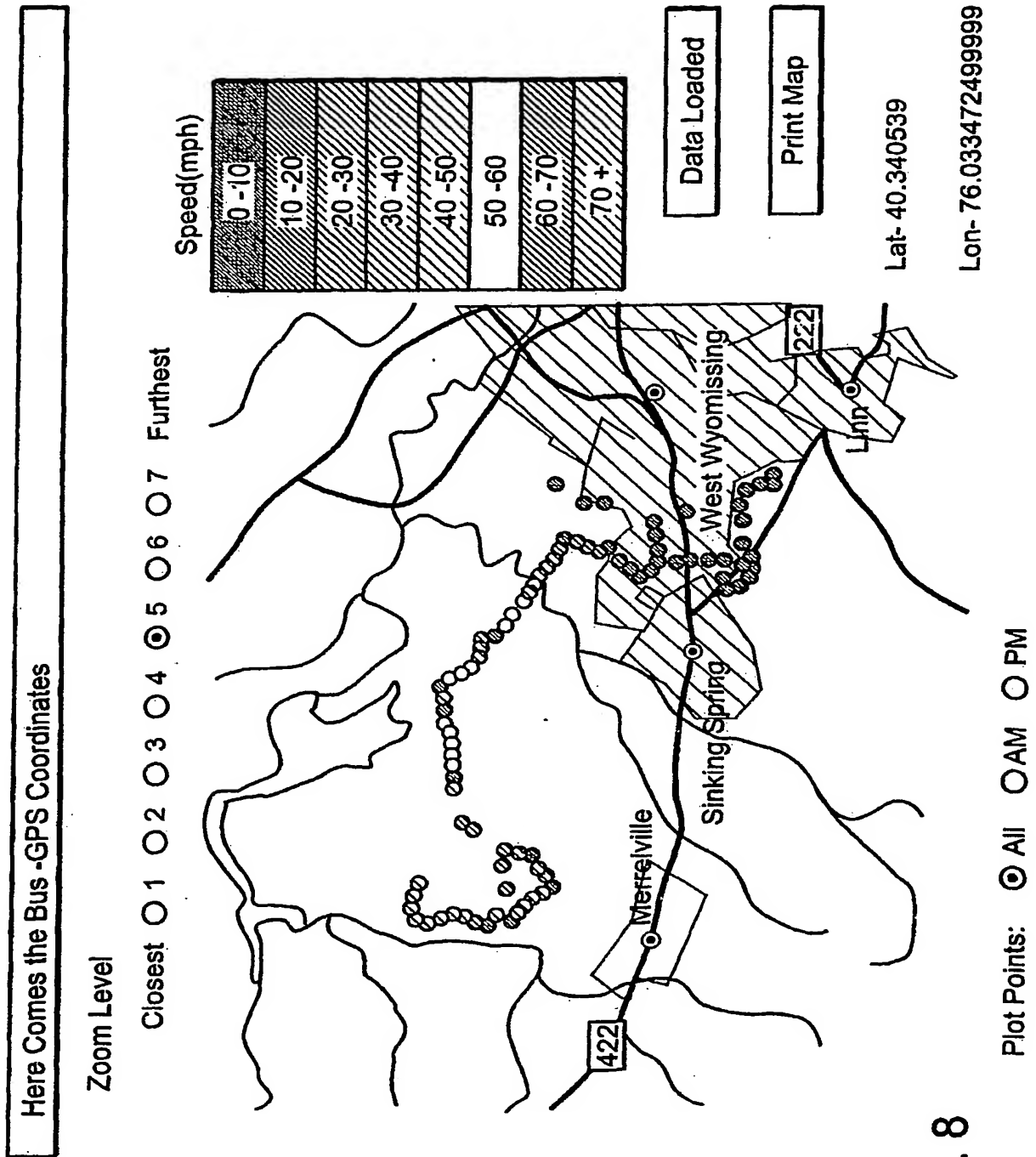


FIG. 8